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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ray F. Campbell, et al.

Serial No.: 10/604,537

Group Art Unit: 2856

Filed: July 29, 2003

Examiner: T. Bellamy

For: CAPACITANCE ACCELERATION DERIVATIVE  
DETECTOR

Attorney Docket No.: 03-0138 (BOE 0412 PA)

## CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

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Date: November 3, 2005

Chris Merkel

AMENDMENT UNDER 37 CFR §1.111

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

U.S.S.N. 10/604,537

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03-0138

Dear Sir:

Applicants submit this Response in response to the Office Action dated August 10, 2005. This response is timely because it is being filed within the three (3) month time period set for a response. Please amend the above-identified application as follows:

**Detailed Description Amendments:**

Please amend the Detailed Description of the Invention as follows:

Kindly amend Paragraph [0037] as follows:

[0037] The fixed plate 32 is coupled to the metal housing structure 53 and positioned a distance (d) from the moveable plate 30. The capacitance of the fixed plate 32 responds to movement of the moveable plate 30 when ~~either~~ d either increases or decreases, thereby generating a charge displacement capacitance signal.